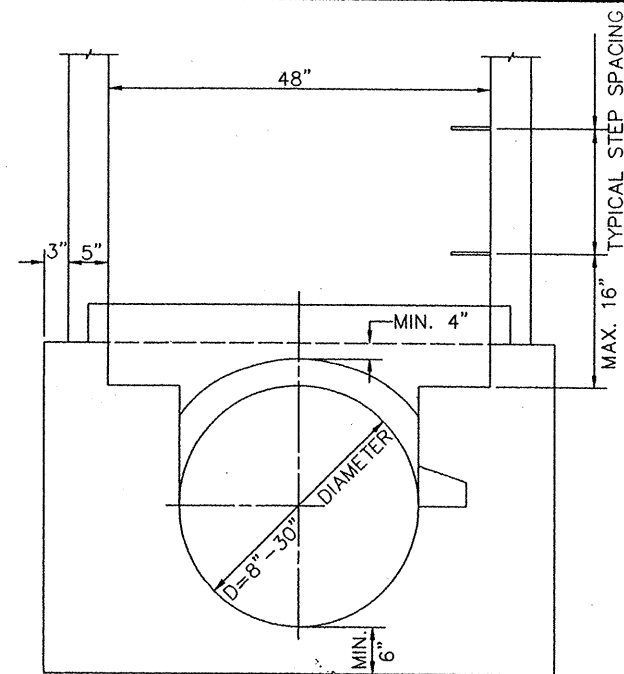
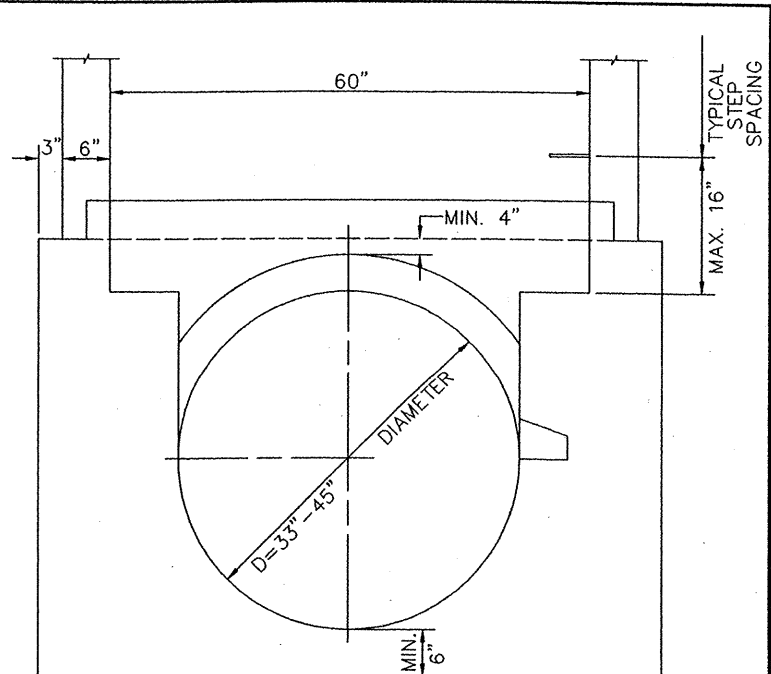


REINFORCING STEEL LIST				
BAR	SPACING	BAR Ø FOR SEWERS		
		48-60	66-78	84-96
A	12" C/C BOTH WAYS	5/8"	3/4"	7/8"
B	3" C/C BOTH WAYS	5/8"	3/4"	7/8"
L	AS SHOWN	5/8"	3/4"	7/8"
D	AS SHOWN	5/8"	5/8"	5/8"
E	12" C/C	5/8"	5/8"	5/8"

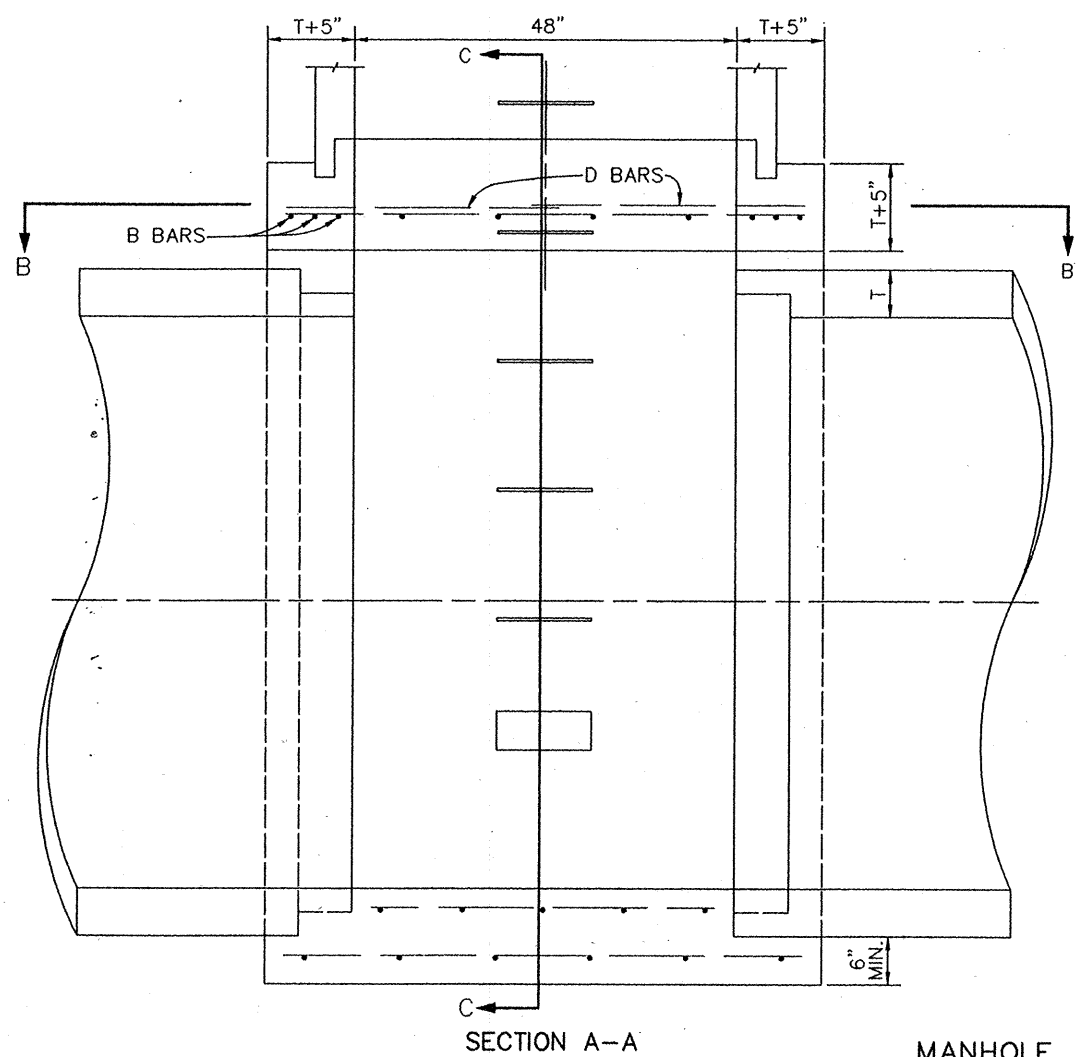
ALL REINFORCING STEEL SHALL HAVE MINIMUM 3" COVER



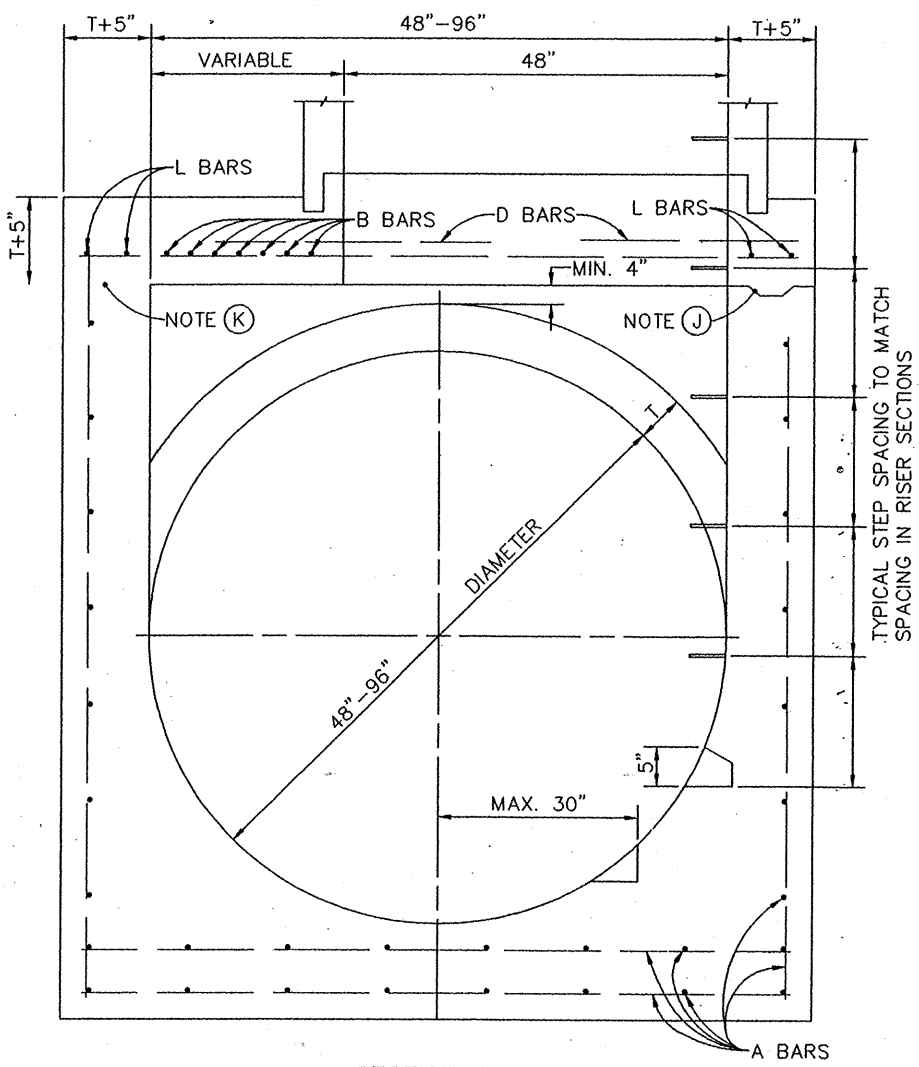
MANHOLE 5-A
8"-30" PIPE



MANHOLE 5-B
33"-45" PIPE



MANHOLE 5-C
48"-96" PIPE



SECTION C-C

- (A) PAYMENT FOR No. 5 MANHOLE SHALL INCLUDE THE COST OF THE CONCRETE AND REINFORCING STEEL IN THE BASE SECTION, BEDDING, STEPS, RISER AND CONE SECTIONS, GRADE RINGS AND CASTINGS.
- (B) BEDDING SHALL BE AS SHOWN ON THE PLAN FOR SEWER.
- (C) MANHOLES ON PIPE LARGER THAN 96" DIAMETER WILL BE INDIVIDUALLY DESIGNED.
- (D) PRECAST MANHOLES SHALL BE COATED IN ACCORDANCE WITH 562.02 AND 706.13.
- (E) OPENINGS IN RISER SECTION FOR MAIN SEWER PIPES SHALL BE PREFABRICATED WHEN THE UNIT IS CAST TO MEET PROJECT REQUIREMENTS. OPENINGS FOR INLET CONNECTIONS MAY BE PREFABRICATED OR CORED IN THE FIELD. THE PIPE MUST BE PLACED OR TRIMMED SO IT DOES NOT PROJECT INTO THE MANHOLE. NO PIPES ARE TO ENTER THE MANHOLE THRU THE STEP AREA.
- (F) SEE MH-2 FOR DETAILS OF MANHOLE RISER AND CONE SECTIONS.
- (G) ALL REINFORCING STEEL SHALL CONFORM TO THE REINFORCING STEEL LIST.
- (H) CONCRETE FOR THE CAST-IN-PLACE BASE SECTION SHALL BE CLASS "C".
- (J) CONSTRUCTION JOINT IF SLAB IS CAST SEPARATELY. SLAB MUST BE DOWELED OR KEYED IN PLACE.
- (K) CONSTRUCTION JOINT MAY BE OMITTED IF STEEL IS EXTENDED AND TIED.
- (L) WHEN PIPE DIAMETER IS MORE THAN 24", CONSTRUCT TOE HOLES IN THE CHANNEL TO FORM STEPS.
- (M) REINFORCED CONCRETE BASE SECTION AND SLAB TOP MUST BE CONSTRUCTED IN THE PRESENCE OF A CITY INSPECTOR, OTHERWISE THEY WILL NOT BE ACCEPTED.

DO NOT SCALE - USE DIMENSIONS ONLY

CITY OF AKRON BUREAU OF ENGINEERING	CONSTRUCTION STANDARD DWG. No. MH-5
<i>David J. B.</i> 3-26-99 MANAGER, DESIGN DIVISION <i>Pawan K. Khailan</i> 3-26-99 MANAGER, CONSTRUCTION DIVISION <i>Chloris H.</i> 3-26-99 CITY ENGINEER	SANITARY OR STORM SEWER, 8"-96" DIAMETER CAST-IN- PLACE CONCRETE BASE SECTION W/PRECAST CONCRETE MANHOLE RISER SECTIONS AUTOCAD DRAWING - STD_MH-5.DWG REVISIONS:

March 25, 1999